

27 JAN 2006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 05-803)

~~In this~~ Application of:

Michael P. Dean et al.

Art Unit: Unknown

Serial No.: 10/551,628

Filed: September 30, 2005

Examiner: Not Assigned

Title: Signal Processing Apparatus and Method

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

TRANSMITTAL LETTER

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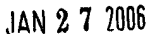
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By :

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PTO/SB/08a (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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Complete if Known

Application Number	10/551,628
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Filing Date	September 30, 2005
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First Named Inventor	Dean
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Art Unit	Unknown
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Examiner Name	Not Assigned
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Attorney Docket Number	05-803
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
		WO 02/093784	11-1-02	Qualcomm Incorp.		
		WO 03/049397	6-12-03	Qualcomm Incorp.		
		GB 2 375 464	11-13-02	Motorola, Inc.		
		EP 0 951 091	10-20-99	Lucent Technologies		

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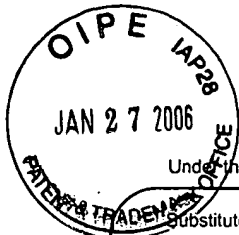
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/551,628
Filing Date	September 30, 2005
First Named Inventor	Dean
Art Unit	Unknown
Examiner Name	Not Assigned
Attorney Docket Number	05-803

Sheet

2

of

2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Abe et al. "Space-Time Turbo Equalization and Symbol Detection in Frequency Selective MIMO Channels", IEEE, pp. 1230-1234 (2001)	
		Biglieri, et al. "Recent Results on Coding for Multiple-Antenna Transmission Systems", IEEE, pp. 117-121 (2000)	
		Tao et al. "Low Complexity Post-Ordered Iterative Decoding for Generalized Layer Space-Time Coding Systems", IEEE, pp. 1137-1141 (2001)	
		Djouadi et al. "A Parallel or Algorithm for the Symmetrical Tridiagonal Eigenvalue Problem", IEEE, pp. 591-595 (1992)	
		Gupta et al. "Reconfigurable Computer for Space-Time Adaptive Processing", IEEE, pp. 335-336 (1998)	

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